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TECH CENTER 1600/2900

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/595,682B

DATE: 07/24/2001

TIME: 08:38:50

Input Set : A:\ES.txt

Output Set: N:\CRF3\07242001\I595682B.raw

ENTERED

2 <110> APPLICANT: Danks, Mary K.
 3 Potter, Philip M.
 4 Houghton, Peter J.
 6 <120> TITLE OF INVENTION: Compositions and Methods for Sensitizing and Inhibiting
 Growth of Human
 7 Tumor Cells
 9 <130> FILE REFERENCE: SJ-0005
 OK C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/595,682B
 OK C--> 12 <141> CURRENT FILING DATE: 2000-01-16
 14 <150> PRIOR APPLICATION NUMBER: 60/075,258
 15 <151> PRIOR FILING DATE: 1998-02-19
 17 <150> PRIOR APPLICATION NUMBER: PCT/US99/03171
 18 <151> PRIOR FILING DATE: 1999-02-12
 20 <160> NUMBER OF SEQ ID NOS: 30
 22 <170> SOFTWARE: PatentIn Ver. 2.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 34
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <221> NAME/KEY: UNSURE
 31 <222> LOCATION: (7)
 33 <220> FEATURE:
 34 <221> NAME/KEY: UNSURE
 35 <222> LOCATION: (33)
 37 <220> FEATURE:
 38 <221> NAME/KEY: UNSURE
 39 <222> LOCATION: (22)
 41 <223> OTHER INFORMATION: Synthetic
 43 <400> SEQUENCE: 1
 W--> 44 His Pro Ser Ala Pro Val Xaa Val Asp Thr Val His Gly Lys Val Leu
 45 1 5 10 15
 W--> 47 Gly Lys Phe Val Ser Xaa Glu Gly Phe Ala Gln Pro Val Ala Lys Phe
 48 20 25 30
 W--> 50 Xaa Gly
 54 <210> SEQ ID NO: 2
 55 <211> LENGTH: 36
 56 <212> TYPE: PRT
 57 <213> ORGANISM: Oryctolagus cuniculus
 59 <400> SEQUENCE: 2
 60 His Pro Ser Ala Pro Pro Val Val Asp Thr Val Lys Gly Lys Val Leu
 61 1 5 10 15
 63 Gly Lys Phe Val Ser Leu Glu Gly Phe Ala Gln Pro Val Ala Val Phe
 64 20 25 30
 66 Leu Gly Val Pro
 67 35
 70 <210> SEQ ID NO: 3
 71 <211> LENGTH: 54

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72 <212> TYPE: PRT
73 <213> ORGANISM: Homo sapiens
75 <400> SEQUENCE: 3
76 Met Trp Leu Arg Ala Phe Ile Leu Ala Thr Leu Ser Ala Ser Ala Ala
77   1           5           10           15
79 Trp Gly His Pro Ser Ser Pro Pro Val Val Asp Thr Val His Gly Lys
80           20           25           30
82 Val Leu Gly Lys Phe Val Ser Leu Glu Gly Phe Ala Gln Pro Val Ala
83           35           40           45
85 Ile Phe Leu Gly Ile Pro
86   50
89 <210> SEQ ID NO: 4
90 <211> LENGTH: 54
91 <212> TYPE: PRT
92 <213> ORGANISM: Rattus sp.
94 <400> SEQUENCE: 4
95 Met Trp Leu Cys Ala Leu Val Trp Ala Ser Leu Ala Val Cys Pro Ile
96   1           5           10           15
98 Trp Gly His Pro Ser Ser Pro Pro Val Val Asp Thr Thr Lys Gly Lys
99           20           25           30
101 Val Leu Gly Lys Tyr Val Ser Leu Glu Gly Phe Thr Gln Pro Val Ala
102           35           40           45
104 Val Phe Leu Gly Val Pro
105   50
108 <210> SEQ ID NO: 5
109 <211> LENGTH: 54
110 <212> TYPE: PRT
111 <213> ORGANISM: Mus musculus
113 <400> SEQUENCE: 5
114 Met Trp Leu His Ala Leu Val Trp Ala Ser Leu Ala Val Cys Pro Ile
115   1           5           10           15
117 Leu Gly His Ser Leu Leu Pro Pro Val Val Asp Thr Thr Gln Gly Lys
118           20           25           30
120 Val Leu Gly Lys Tyr Ile Ser Leu Glu Gly Phe Glu Gln Pro Val Ala
121           35           40           45
123 Val Phe Leu Gly Val Pro
124   50
127 <210> SEQ ID NO: 6
128 <211> LENGTH: 5
129 <212> TYPE: PRT
130 <213> ORGANISM: Oryctolagus cuniculus
132 <400> SEQUENCE: 6
133 His Pro Ser Ala Pro
134   1           5
137 <210> SEQ ID NO: 7
138 <211> LENGTH: 14
139 <212> TYPE: DNA
140 <213> ORGANISM: Oryctolagus cuniculus
142 <400> SEQUENCE: 7

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143 cacccaagcg cacc 14
145 <210> SEQ ID NO: 8
146 <211> LENGTH: 14
147 <212> TYPE: DNA
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151 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
153 <220> FEATURE:
154 <221> NAME/KEY: unsure
155 <222> LOCATION: (6)
157 <220> FEATURE:
158 <221> NAME/KEY: unsure
159 <222> LOCATION: (12)
161 <400> SEQUENCE: 8
W--> 162 caccnagcg cncc 14
164 <210> SEQ ID NO: 9
165 <211> LENGTH: 14
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
172 <220> FEATURE:
173 <221> NAME/KEY: unsure
174 <222> LOCATION: (6)
176 <220> FEATURE:
177 <221> NAME/KEY: unsure
178 <222> LOCATION: (9)
180 <220> FEATURE:
181 <221> NAME/KEY: unsure
182 <222> LOCATION: (12)
184 <400> SEQUENCE: 9
W--> 185 caccntcng cncc 14
187 <210> SEQ ID NO: 10
188 <211> LENGTH: 7
189 <212> TYPE: PRT
190 <213> ORGANISM: Oryctolagus cuniculus
192 <400> SEQUENCE: 10
193 Ala Phe Trp Thr Glu Leu Trp
194 1 5
197 <210> SEQ ID NO: 11
198 <211> LENGTH: 21
199 <212> TYPE: DNA
200 <213> ORGANISM: Oryctolagus cuniculus
202 <400> SEQUENCE: 11
203 gcattctgga cagaactatg g 21
205 <210> SEQ ID NO: 12
206 <211> LENGTH: 21
207 <212> TYPE: DNA
208 <213> ORGANISM: Oryctolagus cuniculus

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210 <400> SEQUENCE: 12
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213 <210> SEQ ID NO: 13
214 <211> LENGTH: 21
215 <212> TYPE: DNA
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218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
221 <220> FEATURE:
222 <221> NAME/KEY: unsure
223 <222> LOCATION: (4)
225 <220> FEATURE:
226 <221> NAME/KEY: unsure
227 <222> LOCATION: (10)
229 <220> FEATURE:
230 <221> NAME/KEY: unsure
231 <222> LOCATION: (19)
233 <400> SEQUENCE: 13
W--> 234 ccanaagttcn gtccagaang c 21
236 <210> SEQ ID NO: 14
237 <211> LENGTH: 21
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
244 <220> FEATURE:
245 <221> NAME/KEY: unsure
246 <222> LOCATION: (10)
248 <220> FEATURE:
249 <221> NAME/KEY: unsure
250 <222> LOCATION: (19)
252 <400> SEQUENCE: 14
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255 <210> SEQ ID NO: 15
256 <211> LENGTH: 30
257 <212> TYPE: PRT
258 <213> ORGANISM: Oryctolagus cuniculus
260 <400> SEQUENCE: 15
261 Met Trp Leu Cys Ala Leu Ala Leu Ala Ser Leu Ala Ala Cys Thr Ala
262 1 5 10 15
264 Trp Gly His Pro Ser Ala Pro Pro Val Val Asp Thr Val Lys
265 20 25 30
268 <210> SEQ ID NO: 16
269 <211> LENGTH: 30
270 <212> TYPE: PRT
271 <213> ORGANISM: Rattus sp.
273 <400> SEQUENCE: 16
274 Met Trp Leu Cys Ala Leu Val Trp Ala Ser Leu Ala Val Cys Pro Ile
275 1 5 10 15

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Input Set : A:\ES.txt

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278          20          25          30
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282 <211> LENGTH: 30
283 <212> TYPE: PRT
284 <213> ORGANISM: Homo sapiens
286 <400> SEQUENCE: 17
287 Met Trp Leu Arg Ala Phe Ile Leu Ala Thr Leu Ser Ala Ser Ala Ala
288   1          5          10          15
290 Trp Gly His Pro Ser Ser Pro Pro Val Val Asp Thr Val His
291          20          25          30
294 <210> SEQ ID NO: 18
295 <211> LENGTH: 30
296 <212> TYPE: PRT
297 <213> ORGANISM: Rattus sp.
299 <400> SEQUENCE: 18
300 Met Arg Leu Tyr Pro Leu Val Trp Leu Phe Leu Ala Ala Cys Thr Ala
301   1          5          10          15
303 Trp Gly Tyr Pro Ser Ser Pro Pro Val Val Asn Thr Val Lys
304          20          25          30
307 <210> SEQ ID NO: 19
308 <211> LENGTH: 30
309 <212> TYPE: PRT
310 <213> ORGANISM: Mus musculus
312 <400> SEQUENCE: 19
313 Met Trp Leu His Ala Leu Val Trp Ala Ser Leu Ala Val Cys Pro Ile
314   1          5          10          15
316 Leu Gly His Ser Leu Leu Pro Pro Val Val Asp Thr Thr Gln
317          20          25          30
320 <210> SEQ ID NO: 20
321 <211> LENGTH: 1717
322 <212> TYPE: DNA
323 <213> ORGANISM: Oryctolagus cuniculus
325 <400> SEQUENCE: 20
326 gaattctgcc atgtggtct gtgcattggc cctggcctct ctgcgcgctt gcacggcttg 60
327 ggggcacccg tctgcaccac ctgtggtaga tactgtgcat ggcaaagtcc tggggaagtt 120
328 cgtcagctta gaaggatttg cacagcccggt ggccgtcttc ctgggagtc ccttcgcca 180
329 gccccctctt ggatccctga ggtttgcacc accacagcct gcagaatcat tgagccacgt 240
330 gaagaacacc acctcctacc ctcccattgt ctcccaggac gcagtatcag ggcatatgct 300
331 ctoggagctc ttcaccaaca gaaaagagaa catccctctt aagttttctg aagactgcct 360
332 ttacctgaat atttacaccc ctgctgacct gacaaagaga ggcaggctgc cggatgatgt 420
333 gtggatccat ggaggtggtc tgatggtggg tggagcatca acctatgatg gcttggctct 480
334 ttctgcccac gagaacgtgg tgggtgggac cattcagtag cgctgggca tctggggatt 540
335 cttcagcaca ggagatgagc acagccgagg gaactggggt cacttgacc aggtggctgc 600
336 gctgcggtgg gtccaggaca acattgccaa ctttggaggg gaccaggct ctgtgaccat 660
337 ctttggagag tcagcaggag gtcaaagtgt ctctatcctt ctattatccc ccctgacc 720
338 gaatctcttc catcgagcaa tttccgagag tggcggtggc ctctttcca gtctcttcag 780
339 gaagaacacc aagtccttgg ctgagaaaat tgccatcgaa gctgggtgta aaaccaccac 840
340 ctcggtgtgc atggttctact gcctgcgcca gaagacagag gaagaactca tggaggtgac 900

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VERIFICATION SUMMARY

DATE: 07/24/2001

PATENT APPLICATION: US/09/595,682B

TIME: 08:38:51

Input Set : A:\ES.txt

Output Set: N:\CRF3\07242001\I595682B.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:44 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:47 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:50 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14